EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	hauffe-ralf.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:07
S2	12	Kilian-arnd.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:07
S3	12	S1 or S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:17
S4	198	("5398170" "5761229" "5771254" "5584296" "5809050" "6249370" "5218223" "5418631" "5956854" "6022124" "6122833" "6216352" "6216352" "6238060" "4365864" "4580871" "4597349" "5698847" "5764223" "5774609" "5838715" "5925867" "5944405" "6037964" "6108497" "4518259" "4831276" "4914437" "5301043" "5606537" "5711588" "5719663" "6002458" "6088376" "6160769" "6172745" "6239916" "6243148" "6243509" "4256403" "4262995" "4364102" "4453200" "4530566" "4632543" "4766470" "4775217" "4902244" "4935939" "4975752").pn. ("5019808" "5247506" "5258812" "5285058" "5400308" "5416608" "5453855" "5487058" "5724375" "5871215" "5883913" "5918108" "5944416" "5963349" "5997570" "6016203" "6042234" "6044871" "6075649" "6081638" "6094252" "6144781" "6185161" "6198213" "6224223" "6224223" "4244045" "4245886" "4268112" "4277817" "4310905" "4355323" "4394661" "4513087" "4580130" "4773018" "4779256" "4789881" "4793679" "4807166" "4847734" "4857895" "4884112" "4927681" "4978187" "5214457" "5221387" "5223710" "5225672" "5247178").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:37

S5	3353	385/88		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:37
S6	3899	385/31		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:37
S7	2741	385/39		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:37
S8	2365	385/92		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:37
S9	894	385/94		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:37
S10	1037	385/47		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:37
S11	329	372/29.02		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:37
S12	1155	372/33		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:38
S13	1914	257/98		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/13 18:38

S14	24	("20030113076" | "20040066570" | "4966430" | "5454055" | "5650640" | "5696862" | "5745625" | "5814870" | "5930430" | "6019523" | "6088501" | "6130448" | "6155724" | "6213650" | "6257772" | "6264377" | "6318908" | "6422766" | "6435734" | "6485197" | "6550983" | "6611001" | "6623178" | "6623180").PN. OR ("6856717").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/13 18:45
S15	0	("2005/0180698").URPN.	USPAT	OR	ON	2005/11/13 19:29
S16	2919	385/15	USPAT	OR	ON	2005/11/13 19:30
S17	2437	385/39	USPAT	OR	ON	2005/11/13 19:30
S18	12391	S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S16 or S17	USPAT	OR	ON	2005/11/13 19:42
S19	14847	((VCSEL or laser or diode or PD or LD or laser-diode or photo-diode or ((energy or light) NEAR5 (emit$6 or source))) WITH (Monit$4 or ((light or laser) NEAR3 detector) or photo-diode or diode) WITH ((light or laser or energy or beam or ray) NEAR4 (redirect$3 or direct$3 or reflect$4))) SAME (Module or transmit$4 or receiv$4 or can)	USPAT	OR	ON	2005/11/13 19:42
S20	9589	((VCSEL or laser or diode or PD or LD or laser-diode or photo-diode or ((energy or light) NEAR5 (emit$6 or source))) WITH (Monit$4 or ((light or laser) NEAR3 detector) or photo-diode or diode) WITH ((light or laser or energy or beam or ray) NEAR4 (redirect$3 or direct$3 or reflect$4))) WITH (Module or transmit$4 or receiv$4 or can)	USPAT	OR	ON	2005/11/13 19:52
S21	504	S20 and S18	USPAT	OR	ON	2005/11/13 19:43
S22	5852	(((VCSEL or laser or diode or PD or LD or laser-diode or photo-diode or ((energy or light) NEAR5 (emit$6 or source))) WITH (Monit$4 or ((light or laser) NEAR3 detector) or photo-diode or diode) WITH ((light or laser or energy or beam or ray) NEAR4 (redirect$3 or direct$3 or reflect$4))) WITH (Module or transmit$4 or receiv$4 or can)) WITH (transparent or transmi$5 or ("not" adj opaque) or transpicuous or diaphanous or ((light or beam) NEAR3 (pass or transmit$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 19:57

S23	8	("20040234270"|"5737348"|"5997185"|"6069905").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 04:18
S24	205	S22 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 19:57
S25	26	(US-20020039474-$ or US-20030113076-$ or US-20040037519-$ or US-20040066570-$ or US-20040101259-$ or US-20040105647-$ or US-20040190836-$ or US-20040234270-$ or US-20050093667-$ or US-20050180698-$ or US-20050241135-$).did. or (US-5737348-$ or US-5997185-$ or US-6069905-$ or US-6550983-$ or US-6611001-$ or US-6623178-$ or US-6623180-$ or US-6678454-$ or US-6786654-$ or US-6856717-$). did. or (JP-2002098850-$).did. or (DE-19601955-$ or US-5737348-$ or US-6069905-$ or JP-2004294513-$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/13 05:55
S26	0	("2004/0234270").URPN.	USPAT	OR	ON	2006/02/13 05:36
S27	0	("2004/0234270").URPN.	USPAT	OR	ON	2006/02/13 05:40
S28	115	Nishie-Mitsuaki.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/13 05:56
S29	219	Nakanishi-Hiromi.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/13 05:56
S30	133	Kuhara-Yoshiki.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/13 05:56
S31	3	S28 and S29 and S30	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/13 05:57

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S32	398	S28 or S29 or S30	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/13 05:57
S33	0	("2004/0071411").URPN.	USPAT	OR	ON	2006/02/13 06:01
S34	17	("5606572" | "5737348" | "5761229" | "5812582" | "5835514").PN. OR ("6069905").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 06:02
S35	25	("4732446" | "4733094" | "5093980" | "5282080" | "5416624" | "5555334" | "5696862").PN. OR ("5997185").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 06:26
S36	21	("3617932" | "4351585" | "4457582" | "4549782" | "4611886").PN. OR ("4733094").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 06:15
S37	1	"20020196500".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 06:27
S38	0	("2002/0196500").URPN.	USPAT	OR	ON	2006/02/13 06:27
S39	0	"20040101259".pn.	USPAT	OR	ON	2006/02/13 06:27
S40	2	"20040101259".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 06:28
S41	12271	(laser or emit$3 or Diode or LED) WITH (transparent or translucent or ((light or laser or energy) adj (pass$3 or transmit$3 or through))) WITH (reflect$3 or mirror)	USPAT	OR	ON	2006/02/20 20:34
S42	3457	385/88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 20:34
S43	4026	385/31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 20:34
S44	2834	385/39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 20:34

EAST Search History

S45	2450	385/92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 20:34
S46	922	385/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 20:34
S47	1070	385/47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 20:34
S48	342	372/29.02	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 20:34
S49	1163	372/33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 20:34
S50	2017	257/98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 20:34
S51	3035	385/15	USPAT	OR	ON	2006/02/20 20:34
S52	2530	385/39	USPAT	OR	ON	2006/02/20 20:34
S53	12848	S42 or S43 or S44 or S45 or S46 or S47 or S48 or S49 or S50 or S51 or S52	USPAT	OR	ON	2006/02/20 21:17
S54	27201	(laser or emit$3 or Diode or LED) WITH (transparent or translucent or ((light or laser or energy) adj (pass$3 or transmit$3 or through))) WITH (reflect$3 or mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 20:36
S55	659	S54 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 20:35

EAST Search History

S56	18901	((laser or emit$3 or Diode or LED) NEAR10 (transparent or translucent or ((light or laser or energy) adj (pass$3 or transmit$3 or through)))) WITH (reflect$3 or mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 20:36
S57	490	S56 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 20:36
S58	16612	((laser or emit$3 or Diode or LED) NEAR10 (transparent or translucent or ((light or laser or energy) adj (pass$3 or transmit$3 or through)))) NEAR10 (reflect$3 or mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 20:37
S59	7780	((laser or emit$3 or Diode or LED) NEAR5 (transparent or translucent or ((light or laser or energy) adj (pass$3 or transmit$3 or through)))) NEAR5 (reflect$3 or mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 20:37
S60	195	S59 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 20:37
S61	24	("20030113076" | "20040066570" | "4966430" | "5454055" | "5650640" | "5696862" | "5745625" | "5814870" | "5930430" | "6019523" | "6088501" | "6130448" | "6155724" | "6213650" | "6257772" | "6264377" | "6318908" | "6422766" | "6435734" | "6485197" | "6550983" | "6611001" | "6623178" | "6623180").PN. OR ("6856717").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 21:15
S62	0	Nishle-mitsuaki.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 21:16
S63	22	Nishie-mitsuaki.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 21:19
S64	86	nakanishi-hiromi.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 21:16

S65	133	kuhara-yoshiki.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 21:17
S66	105	S62 or S63 or S64	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 21:17
S67	150	398/141	USPAT	OR	ON	2006/02/20 21:26
S68	12951	S67 or S53	USPAT	OR	ON	2006/02/20 21:17
S69	31	S68 and S66	USPAT	OR	ON	2006/02/20 21:18
S70	118	Nishie-mitsuaki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 21:19
S71	245	nakanishi-hiromi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 21:19
S72	157	kuhara-yoshiki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 21:20
S73	438	S70 or S71 or S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 21:20
S74	199	398/141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 21:27
S75	13000	S53 or S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 21:27

S76	51	S75 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 21:46
S77	2	"20020180698".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 21:48
S78	2	"20050180698".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 22:35
S79	2	"20020196500".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 22:35
S80	0	S79 and hermtica$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/20 22:36

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| S81 | 156 | (US-20040066570-$ or US-20030113076-$ or US-20040071411-$ or US-20040101259-$ or US-20040105647-$ or US-20040190836-$ or US-20050180698-$ or US-20050241135-$ or US-20040234270-$ or US-20030235376-$ or US-20020196500-$ or US-20050093667-$ or US-20020039474-$ or US-20040037519-$).did. or (US-6963598-$ or US-6888169-$ or US-6856635-$ or US-6697396-$ or US-6654125-$ or US-6630994-$ or US-6624899-$ or US-6600845-$ or US-5696862-$ or US-6611001-$ or US-6550983-$ or US-6623180-$ or US-6867796-$ or US-6867377-$ or US-6863453-$ or US-6366350-$ or US-6314223-$ or US-5555334-$ or US-5282080-$ or US-5093980-$ or US-4733094-$ or US-4732446-$ or US-6971804-$ or US-6873799-$ or US-6830711-$ or US-6731882-$). did. or (US-6525386-$ or US-6163556-$ or US-6102294-$ or US-5910663-$ or US-5438208-$ or US-5319182-$ or US-5140152-$ or US-4893901-$ or US-4611886-$ or US-4549782-$ or US-4457582-$ or US-3617932-$ or US-6452669-$ or US-6339496-$ or US-5835514-$ or US-5606572-$ or US-6966706-$ or US-6963683-$ or US-6905260-$ or US-4351585-$ or US-6694074-$ or US-6591043-$ or US-6069905-$ or US-5737348-$ or US-6406195-$ or US-6404959-$ or US-5997185-$). did. or (US-6863444-$ or US-6845118-$ or US-6567435-$ or US-6814501-$ or US-6799902-$ or US-5812582-$ or US-6952507-$ or US-6588945-$ or US-5416624-$ or US-5761229-$ or US-6678454-$ or US-6786654-$ or US-5771254-$ or US-5809050-$ or US-6856717-$ or US-6623178-$ or US-6998691-$ or US-6998281-$ or US-6987613-$ or US-6973110-$ or US-6960035-$ or US-6969946-$ or US-6952437-$ or US-6948840-$ or US-6946684-$ or US-6945711-$ or US-6904209-$). did. or (US-6878971-$ or US-6881980-$ or US-6894785-$ or US-6903379-$ or US-6904068-$ or US-6318908-$ or US-6835923-$ or | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2006/02/20 23:35 |

S82	113	S81 and lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 23:38
S83	1	"20050244095".pn.	US-PGPUB; USPAT	OR	ON	2006/03/16 05:22
S84	1	"20050249462".pn.	US-PGPUB; USPAT	OR	ON	2006/03/16 05:24
S85	1	"20050244548".pn.	US-PGPUB; USPAT	OR	ON	2006/03/16 05:26
S86	1	"20050002611".pn.	US-PGPUB; USPAT	OR	ON	2006/03/16 05:26
S87	0	"20040234270".pn.	USPAT	OR	ON	2006/03/16 06:22
S88	1	"20040234270".pn.	US-PGPUB; USPAT	OR	ON	2006/03/16 06:28
S89	1	("5841562").PN.	US-PGPUB; USPAT	OR	ON	2006/03/16 06:28
S90	3498	385/88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:32
S91	4069	385/31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:32
S92	2868	385/39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:32
S93	2473	385/92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:32
S94	930	385/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:32
S95	1082	385/47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:32

S96	346	372/29.02	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:32
S97	1174	372/33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:32
S98	2059	257/98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:32
S99	3066	385/15	USPAT	OR	ON	2006/03/16 06:32
S100	2564	385/39	USPAT	OR	ON	2006/03/16 06:32
S101	13014	S90 or S91 or S92 or S93 or S94 or S95 or S96 or S97 or S98 or S99 or S100	USPAT	OR	ON	2006/03/16 06:32

| S10 2 | 157 | (US-20030235376-$ or US-20050180698-$ or US-20040190836-$ or US-20020039474-$ or US-20050093667-$ or US-20040101259-$ or US-20040037519-$ or US-20040105647-$ or US-20050241135-$ or US-20050249462-$ or US-20030113076-$ or US-20040066570-$ or US-20020196500-$ or US-20040234270-$ or US-20040071411-$).did. or (US-6318908-$ or US-6452669-$ or US-6339496-$ or US-5835514-$ or US-6694074-$ or US-6591043-$ or US-6588945-$ or US-6863444-$ or US-4744615-$ or US-6630994-$ or US-6624899-$ or US-6600845-$ or US-4856012-$ or US-6856717-$ or US-6786654-$ or US-5696862-$ or US-5997185-$ or US-5737348-$ or US-6963598-$ or US-6856635-$ or US-6845118-$ or US-6697396-$ or US-6623180-$ or US-6623178-$ or US-6867796-$ or US-6611001-$). did. or (US-6550983-$ or US-6867377-$ or US-6863453-$ or US-5606572-$ or US-6966706-$ or US-6963683-$ or US-6952507-$ or US-6905260-$ or US-6873799-$ or US-6525386-$ or US-6102294-$ or US-4351585-$ or US-3617932-$ or US-6404959-$ or US-5555334-$ or US-5416624-$ or US-5093980-$ or US-4732446-$ or US-6971804-$ or US-5438208-$ or US-5319182-$ or US-4893901-$ or US-4611886-$ or US-6406195-$ or US-6366350-$ or US-6314223-$ or US-6069905-$). did. or (US-5282080-$ or US-4733094-$ or US-6830711-$ or US-6888169-$ or US-6731882-$ or US-6654125-$ or US-5910663-$ or US-6567435-$ or US-4549782-$ or US-5812582-$ or US-6799902-$ or US-6163556-$ or US-5140152-$ or US-4457582-$ or US-5809050-$ or US-5771254-$ or US-5761229-$ or US-6678454-$ or US-6998691-$ or US-6998281-$ or US-6987613-$ or US-6973110-$ or US-6894785-$ or US-6881980-$ or US-6835923-$ or US-6822985-$ or US-6819690-$). did. or (US-6803603-$ or US-6792012-$ or US-6684007-$ or US-6493121-$ or US-6480331-$ or | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2006/03/16 06:35 |

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S10 3	118	nishie-mitsuaki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:35
S10 4	248	nakanishi-hiromi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:36
S10 5	158	kuhara-yoshiki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:36
S10 6	441	S103 or S104 or S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:36
S10 7	48	S106 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 06:36
S10 8	12859	((Transceiv$4 NEAR5 Receiv$4) or ((LED or LD or laser or emit$3) NEAR5 (PD or detector or receiv$4)) or transceiver/receiver) SAME ((wavelength or frequency or channel) NEAR9 (different or second or another or plurality or many or (more adj than) or (at adj least)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 07:49
S10 9	4196	(((Transceiv$4 NEAR5 Receiv$4) or ((LED or LD or laser or emit$3) NEAR5 (PD or detector or receiv$4)) or transceiver/receiver) SAME ((wavelength or frequency or channel) NEAR9 (different or second or another or plurality or many or (more adj than) or (at adj least)))) AND (fiber or fibre or waveguide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 07:49
S11 0	3498	385/88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:51

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S11 1	4069	385/31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:51
S11 2	2868	385/39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:51
S11 3	2473	385/92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:51
S11 4	930	385/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:51
S11 5	1082	385/47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:51
S11 6	346	372/29.02	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:51
S11 7	1174	372/33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:51
S11 8	2059	257/98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:51
S11 9	3066	385/15	USPAT	OR	ON	2006/03/16 07:51
S12 0	2564	385/39	USPAT	OR	ON	2006/03/16 07:51
S12 1	13014	S110 or S111 or S112 or S113 or S114 or S115 or S116 or S117 or S118 or S119 or S120	USPAT	OR	ON	2006/03/16 07:51

S12 2	603	(((Transceiv$4 NEAR5 Receiv$4) or ((LED or LD or laser or emit$3) NEAR5 (PD or detector or receiv$4)) or transceiver/receiver) SAME ((wavelength or frequency or channel) NEAR9 (different or second or another or plurality or many or (more adj than) or (at adj least)))) SAME (lens or focus$3 or collimat$3)	USPAT	OR	ON	2006/03/16 08:02
S12 3	121	((((Transceiv$4 NEAR5 Receiv$4) or ((LED or LD or laser or emit$3) NEAR5 (PD or detector or receiv$4)) or transceiver/receiver) SAME ((wavelength or frequency or channel) NEAR9 (different or second or another or plurality or many or (more adj than) or (at adj least)))) SAME (lens or focus$3 or collimat$3)) SAME (fiber or fibre or waveguide)	USPAT	OR	ON	2006/03/16 08:02
S12 4	25	((((Transceiv$4 NEAR5 Receiv$4) or ((LED or LD or laser or emit$3) NEAR5 (PD or detector or receiv$4)) or transceiver/receiver) SAME ((wavelength or frequency or channel) NEAR9 (different or second or another or plurality or many or (more adj than) or (at adj least)))) WITH (lens or focus$3 or collimat$3)) SAME (fiber or fibre or waveguide)	USPAT	OR	ON	2006/03/16 08:03
S12 5	26	S123 and S121	USPAT	OR	ON	2006/03/16 08:03
S12 6	256	((((Transceiv$4 NEAR5 Receiv$4) or ((LED or LD or laser or emit$3) NEAR5 (PD or detector or receiv$4)) or transceiver/receiver) SAME ((wavelength or frequency or channel) NEAR9 (different or second or another or plurality or many or (more adj than) or (at adj least)))) SAME (lens or focus$3 or collimat$3)) SAME (fiber or fibre or waveguide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 08:03

EAST Search History

S12 7	1214	(((Transceiv$4 NEAR5 Receiv$4) or ((LED or LD or laser or emit$3) NEAR5 (PD or detector or receiv$4)) or transceiver/receiver) SAME ((wavelength or frequency or channel) NEAR9 (different or second or another or plurality or many or (more adj than) or (at adj least)))) SAME (lens or focus$3 or collimat$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 08:02
S12 8	67	((((Transceiv$4 NEAR5 Receiv$4) or ((LED or LD or laser or emit$3) NEAR5 (PD or detector or receiv$4)) or transceiver/receiver) SAME ((wavelength or frequency or channel) NEAR9 (different or second or another or plurality or many or (more adj than) or (at adj least)))) WITH (lens or focus$3 or collimat$3)) SAME (fiber or fibre or waveguide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 08:03
S12 9	26	S123 and S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 08:03